

FOR EMERGENCY RESPONDERS

After a motor vehicle accident, minutes can be the difference between life and death.

No one knows this better than the police officers, firefighters and emergency medical technicians who see injured motorists all too often.

TrafficWise is designed to help emergency personnel get to accident scenes more quickly and to have better information about what they are facing when they arrive.

TrafficWise cameras will usually offer an immediate view of an accident scene, and dispatchers will have dedicated communication links to INDOT's TrafficWise management center.

So dispatchers will have immediate access to vital information about an accident: the number of vehicles involved, and whether a vehicle has caught fire or has an occupant who might be trapped.

TrafficWise will allow dispatchers to know immediately whether the most direct route to an emergency scene is choked by traffic. They will be able to tell emergency responders how to reach the scene quickly.

TrafficWise dispatchers also will be able to position Hoosier Helper vans, with their rooftop directional signals, to help clear the way and direct traffic so emergency personnel can get to the scene and do their work in safety.

F O R E M E R G E N C Y R E S P O N D E R S



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F O R E M E R G E N C Y R E S P O N D E R S



**TRAFFICWISE IS
INDIANA'S
INTELLIGENT
TRANSPORTATION
SYSTEM.**

Building more and bigger highways is no longer enough to keep pace with increasing traffic. The Indiana Department of Transportation is turning to technology to help ease congestion and improve highway safety.

TrafficWise uses technology to detect highway congestion as it occurs and to determine the reasons for it. The system then speeds information to the people who need it – drivers, dispatchers and emergency responders.

This rapid flow of information means that roadside assistance and emergency aid can arrive more quickly. That not only helps those in need, but also allows incidents to be cleared more efficiently, reducing congestion.

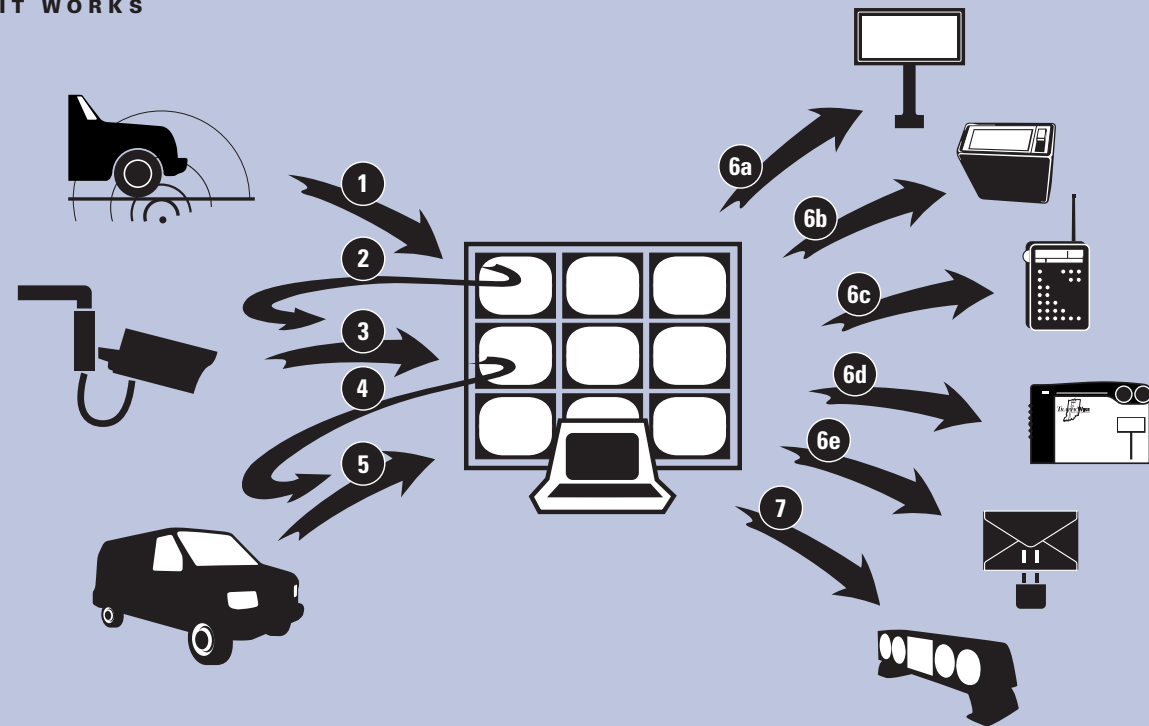
The Hoosier Helpers, INDOT's freeway assistance patrols, are a key part of TrafficWise. The system will help them do their job – helping stranded motorists and working to keep traffic moving safely and more efficiently by providing them with up-to-the-minute information about highway problems. The Hoosier Helper in turn will be able to feed information from the field directly into the TrafficWise information system.

TrafficWise employs various tools to collect information about traffic conditions and get that information to drivers, allowing them to avoid congestion and plan trips in advance. These tools include dynamic (changeable) message signs, sensors, closed-circuit cameras, computers, highway advisory radio, pagers and the Internet.

INDOT's TrafficWise system will operate in Indianapolis and Gary, with a Traffic Management Center in each city. INDOT also is a partner in a similar system in Southern Indiana outside Louisville. Other parts of Indiana will have less extensive TrafficWise systems.

Although TrafficWise and law enforcement agencies work together, the traffic management system is not a law enforcement tool. However, law enforcement agencies are essential in responding to and clearing incidents that cause safety problems or traffic congestion.

**HOW
IT WORKS**



- 1 Sensors detect traffic slowdown, automatic notification to Traffic Management Center.
- 2 TMC operators position cameras to determine problem.
- 3 TMC operators view problem.
- 4 TMC notifies Hoosier Helpers, emergency responders.
- 5 Personnel in the field report back to TMC.

- 6 TMC sends information to motorists and others via:
 - a. Dynamic message signs
 - b. Alphanumeric pagers
 - c. Highway advisory radio
 - d. Web site
 - e. E-mail
- 7 TMC provides information to emergency responders.